

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

NOV 18 2004
PATENT & TRADEMARK OFFICE

Complete if Known

Application Number	09/823,482
Filing Date	March 30, 2001
First Named Inventor	Cota-Robles, Erik
Group Art Unit	2151
Examiner Name	Not yet assigned

Sheet 1 of 4

Attorney Docket No: 042390.P9774

US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
gn	US-20010027511	10/04/2001	Wakabayashi, Masaki, et al.	
gn	US-20020007456	01/17/2002	Peinado, Marcus, et al.	
gn	US-20020023032	02/21/2002	Pearson, Siani L., et al.	
gn	US-20020147916	10/10/2002	Strongin, Geoffrey S., et al.	
gn	US-20020166061	11/07/2002	Falik, Ohad, et al.	
gn	US-20020169717	11/14/2002	Challener, David C.	
gn	US-20030074548	04/17/2003	Cromer, Daryl C., et al.	
gn	US-20030115453	06/19/2003	Grawrock, David W.	
gn	US-20030126442	07/03/2003	Glew, Andrew F., et al.	
gn	US-20030126453	07/03/2003	Glew, Andrew F., et al.	
gn	US-20030159056	08/21/2003	Cromer, Daryl C., et al.	
gn	US-20030188179	10/02/2003	Challener, David C., et al.	
gn	US-20030196085	10/16/2003	Lampson, Butler W., et al.	
gn	US-20040117539	06/17/2004	Bennett, Steve, et al.	
gn	US-3,699,532	10/17/1972	Schaffer, Harry G., et al.	
gn	US-3,996,449	12/07/1976	Attanasio, Clement R., et al.	
gn	US-4,207,609	06/10/1980	Luiz, Fernando A., et al.	
gn	US-4,319,233	03/09/1982	Matsuoka, Michihiro, et al.	
gn	US-4,403,283	09/06/1983	Myntti, Jon N., et al.	
gn	US-4,419,724	12/06/1983	Branigin, Michael H., et al.	
gn	US-4,430,709	02/07/1984	Schleupen, Richard, et al.	
gn	US-4,621,318	11/04/1986	Maeda, A.	
gn	US-4,802,084	01/31/1989	Ikegaya, Hiroshi, et al.	
gn	US-4,975,836	12/04/1990	Hirosawa, Toshio, et al.	
gn	US-5,187,802	02/16/1993	Inoue, Taro, et al.	
gn	US-5,230,069	02/16/1993	Brelsford, David P., et al.	
gn	US-5,237,616	08/17/1993	Abraham, Dennis G., et al.	
gn	US-5,287,363	02/15/1994	Wolf, Paul I., et al.	
gn	US-5,295,251	03/15/1994	Wakui, Fujio, et al.	
gn	US-5,361,375	11/01/1994	Ogi, Yoshifumi	
gn	US-5,469,557	11/21/1995	Salt, Tom, et al.	
gn	US-5,506,975	04/09/1996	Onodera, Osama	
gn	US-5,555,385	09/10/1996	Osisek, Damian L.	
gn	US-5,555,414	09/10/1996	Hough, Roger E., et al.	
gn	US-5,560,013	09/24/1996	Scalzi, Casper A., et al.	
gn	US-5,574,936	11/12/1996	Ryba, Edward G., et al.	
gn	US-5,604,805	02/18/1997	Brands, Stefanus A.	
gn	US-5,633,929	05/27/1997	Kaliski, Jr., Burton S.	
gn	US-5,668,971	11/16/1997	Neufeld, E. D.	
gn	US-5,684,948	11/04/1997	Johnson, James S., et al.	
gn	US-5,706,469	01/06/1998	Kobayashi, Souichi	

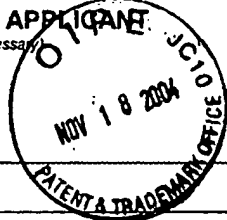
EXAMINER

DATE CONSIDERED 5-20-05

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)



Sheet 2 of 4

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/823,482
Filing Date	March 30, 2001
First Named Inventor	Cota-Robles, Erik
Group Art Unit	2151
Examiner Name	Not yet assigned

Attorney Docket No: 042390.P9774

gn	US-5,740,178	04/14/1998	Jacks, Steven A., et al.	
gn	US-5,752,046	05/12/1998	Opreescu, Florin, et al.	
gn	US-5,809,546	09/15/1998	Greenstein, Paul G., et al.	
gn	US-5,825,880	10/20/1998	Sudia, Frank W., et al.	
gn	US-5,919,257	07/06/1999	Trostle, Jonathan	
gn	US-5,935,242	08/10/1999	Madany, Peter W., et al.	
gn	US-5,935,247	08/10/1999	Pai, Hsin-Ying, et al.	
gn	US-5,944,821	08/31/1999	Angelo, Michael F.	
gn	US-5,956,408	09/21/1999	Arnold, Todd W.	
gn	US-5,978,475	11/02/1999	Schneier, Bruce, et al.	
gn	US-6,035,374	03/07/2000	Panwar, Ramesh, et al.	
gn	US-6,044,478	03/28/2000	Green, Daniel W.	
gn	US-6,088,262	07/11/2000	Nasu, Hiroaki	
gn	US-6,093,213	07/25/2000	Favor, John G., et al.	
gn	US-6,108,644	08/22/2000	Goldschlag, David M., et al.	
gn	US-6,131,166	10/10/2000	Wong-Isley, Becky	
gn	US-6,175,924	01/16/2001	Arnold, Todd W.	
gn	US-6,188,257	02/13/2001	Buer, Mark L.	
gn	US-6,199,152	03/06/2001	Kelly, Edmund J., et al.	
gn	US-6,275,933	08/14/2001	Fine, Michael, et al.	
gn	US-6,282,650	08/28/2001	Davis, Derek L.	
gn	US-6,327,652	12/04/2001	England, Paul, et al.	
gn	US-6,397,379	05/28/2002	Yates, Jr., John S., et al.	
gn	US-6,529,909	03/04/2003	Bowman-Amuah, Michel K.	
gn	US-6,560,627	05/06/2003	McDonald, Michael F., et al.	
gn	US-6,609,199	08/19/2003	DeTreville, John	
gn	US-6,615,278	09/02/2003	Curtis, Bryce A.	
gn	US-6,651,171	11/18/2003	England, Paul, et al.	
gn	US-6,678,825	01/13/2004	Ellison, Carl M., et al.	
gn	US-6,684,326	01/27/2004	Cromer, Daryl C., et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
gn	EP-0602867	06/22/1994	Protheroe, Robert L., et al.		
gn	EP-EP0892521	01/20/1999	Zamek, Steven		
gn	EP-EP0961193	12/01/1999	Laczko, Sr., Frank L.		
gn	EP-EP0965902	12/22/1999	Force, Gordon, et al.		
gn	EP-EP1055989	11/29/2000	Proudlar, Graeme J., et al.		
gn	EP-EP1056014	11/29/2000	Proudlar, Graeme J., et al.		
gn	EP-EP1085396	03/21/2001	Proudlar, Graeme J., et al.		
gn	EP-EP1209563	05/29/2002	England, Paul, et al.		
gn	EP-EP1271277	01/02/2003	Behar, Yaachov		

EXAMINER

gn

DATE CONSIDERED

5-20-05

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional): Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number	09/823,482
Filing Date	March 30, 2001
First Named Inventor	Cota-Robles, Erik
Group Art Unit	2151
Examiner Name	Not yet assigned

Sheet 3 of 4

Attorney Docket No: 042390.P9774

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
gm	WO-WO0021238	04/13/2000	Drews, Paul C.		
gm	WO-WO0163994	08/30/2001	Van Sant, Glen, et al.		
gm	WO-WO0201794	01/03/2002	Ellison, Carl		
gm	WO-WO02060121	08/01/2002	Grawrock, David W.		
gm	WO-WO03058412	07/17/2003	Glew, Andrew, et al.		
gm	WO-WO9524696	09/14/1995	Mooney, David M., et al.		
gm	WO-WO9812620	03/26/1998	Nishiuchi, Taiki, et al.		
gm	WO-WO9918511	04/15/1999	Edrich, David R.		
gm	WO-WO9965579	12/23/1999	Bond, Eugene T.		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gm		COULOURIS, GEORGE, et al., "Distributed Systems, Concepts and Designs", 2nd Edition, (1994), 422-424	
gm		CRAWFORD, JOHN, "Architecture of the Intel 80386", <u>Proceedings of the IEEE International Conference on Computer Design: VLSI in Computers and Processors (ICCD '86)</u> , (October 6, 1986), 155-160	
gm		FABRY, R.S., "Capability-Based Addressing", Fabry, R.S., "Capability-Based Addressing," <u>Communications of the ACM</u> , Vol. 17, No. 7, (July 1974), 403-412	
gm		FRIEDER, GIDEON, "The Architecture And Operational Characteristics of the VMX Host Machine", <u>The Architecture And Operational Characteristics of the VMX Host Machine</u> , IEEE, (1982), 9-16	
gm		HP MOBILE SECURITY OVERVIEW, "HP Mobile Security Overview", (Sept. 2002), 1-10	
gm		IBM CORPORATION, "IBM ThinkPad T30 Notebooks", <u>IBM Product Specification</u> , located at www-1.ibm.com/services/files/cisco_t30_spec_sheet_070202.pdf , last visited June 23, 2004, (July 2, 2002), 1-6	
gm		INTEL CORPORATION, "IA-64 System Abstraction Layer Specification", <u>Intel Product Specification</u> , Order Number 245359-001, (01/2000), 1-112	
gm		INTEL CORPORATION, "Intel 82802AB/82802AC Firmware Hub (FWH)", <u>Intel Product Datasheet</u> , Document Number 290658-004, (November 2000), 1-6, 17-28	
gm		INTEL CORPORATION, "Intel IA-64 Architecture Software Developer's Manual", Volume 2: IA-64 System Architecture, Order Number 245318-001, (01/2000), i, ii, 5.1-5.3, 11.1-11.8, 11.23-11.26	
gm		MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", <u>CRC Press Series on Discrete Mathematics and its Applications</u> , Boca Raton, FL, XP002165287, ISBN 0849385237, (Oct. 1996), 403-405, 506-515, 570	
gm		NANBA, S., et al., "VM/4: ACOS-4 Virtual Machine Architecture", <u>VM/4: ACOS-4 Virtual Machine Architecture</u> , IEEE, (1985), 171-178	

EXAMINER

DATE CONSIDERED

5-20-05

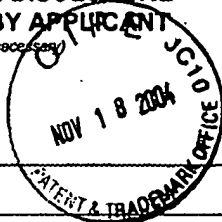
Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional) ‡ Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Sheet 4 of 4

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

 PTO/SR/08A(08-03)
 Approved for use through 07/01/2008. OMB 0651-0031
 US Patent & Trademark Office, U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	09/823,482
Filing Date	March 30, 2001
First Named Inventor	Cota-Robles, Erik
Group Art Unit	2151
Examiner Name	Not yet assigned

Attorney Docket No: 042390.P9774

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
gm		RSA SECURITY, "Hardware Authenticators", www.rsasecurity.com/node.asp?id=1158 , 1-2	
gm		RSA SECURITY, "RSA SecurID Authenticators", www.rsasecurity.com/products/secuid/datasheets/SID_DS_0103.pdf , 1-2	
gm		RSA SECURITY, "Software Authenticators", www.rsasecurity.com/node.asp?id=1313 , 1-2	
gm		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002939871; ISBN 0471117099, (Oct. 1995), 47-52	
gm		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithm, and Source Code in C", Wiley, John & Sons, Inc., XP002138607; ISBN 0471117099, (Oct. 1995), 56-65	
gm		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", Wiley, John & Sons, Inc., XP002111449; ISBN 0471117099, (Oct. 1995), 169-187	
gm		SCHNEIER, BRUCE, "Applied Cryptography: Protocols, Algorithms, and Source Code in C", 2nd Edition; Wiley, John & Sons, Inc., XP002251738; ISBN 0471128457, (Nov. 1995), 28-33; 176-177; 216-217; 461-473; 518-522	

EXAMINER

DATE CONSIDERED

5-20-05

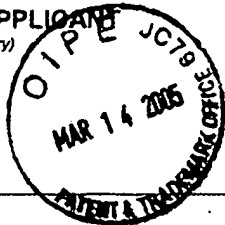
Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional) ‡ Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/5B/68A(10-01)

Approved for use through 10/31/2002. OMB 051-0031

US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	09/823,482
Filing Date	March 30, 2001
First Named Inventor	Erik Cota-Robles
Group Art Unit	2127
Examiner Name	Syed J. Ali

Sheet 1 of 1

Attorney Docket No: 42P9774

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
<i>SN</i>	EP-EP0473913	03/11/1992	Farrell, Joel A.			

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>SN</i>		MENEZES, ALFRED J., et al., "Handbook of Applied Cryptography", CRC Press LLC, USA XP002201307, (1997), 475	

EXAMINER

DATE CONSIDERED

5-20-05

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached